



U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

**FY 2016 Scientific Infrastructure Support
for CINR Funding Opportunity Number
DE-FOA-0001282**

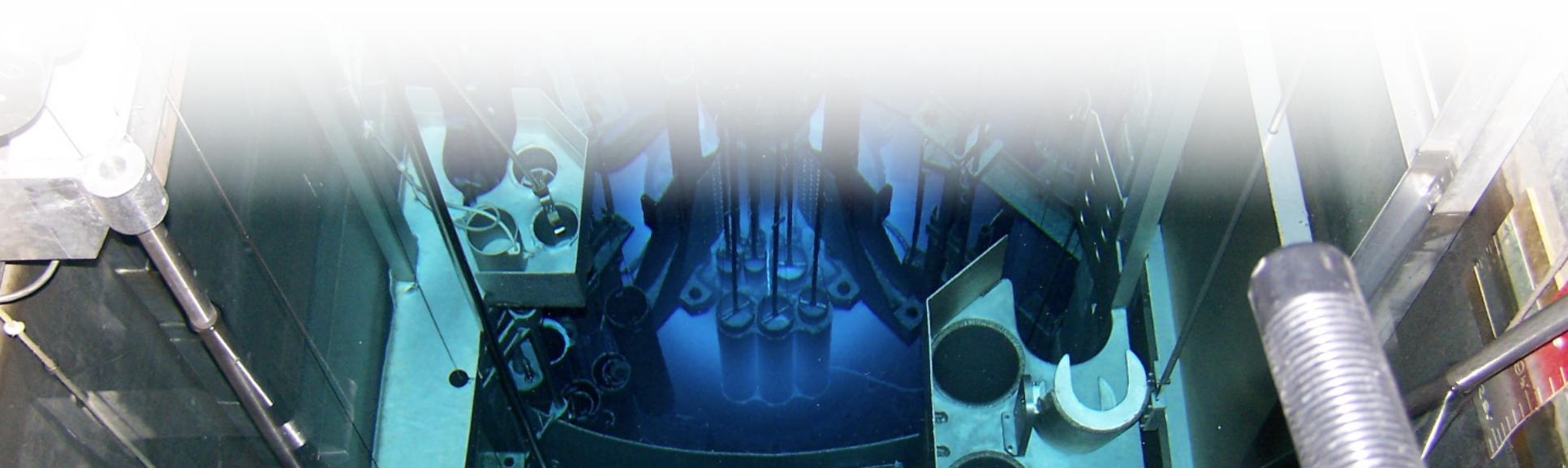
August 10, 2015



Outline

Nuclear Energy

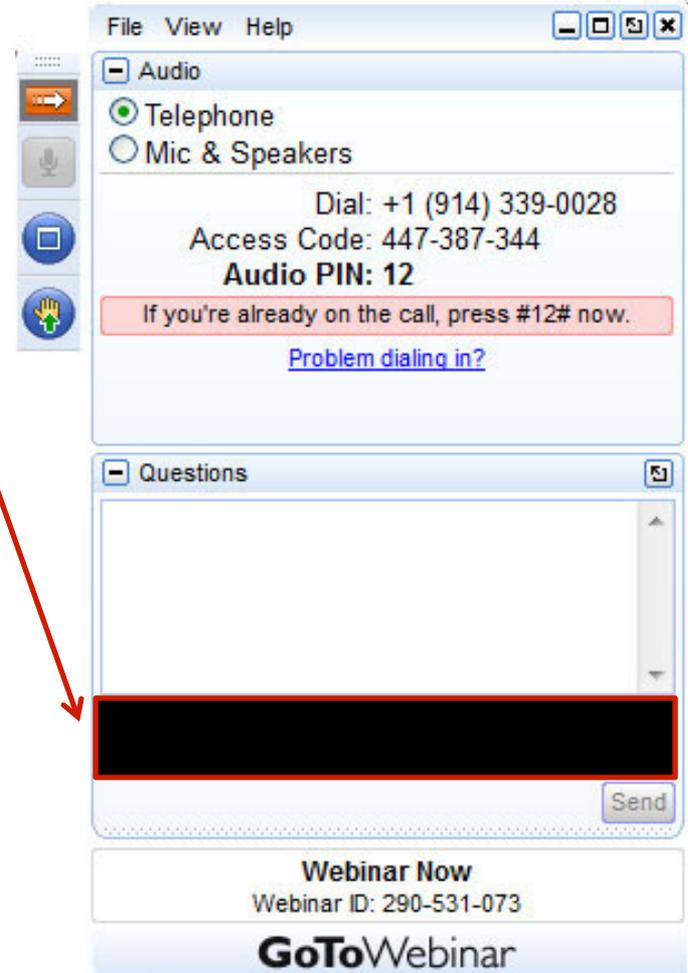
- **FOA Overview**
- **Reactor Upgrades and GSI**
- **Key Changes in the FY 2016 FOA**
- **Review Process, Tools, and Submissions**





How to Ask Questions During This Webinar

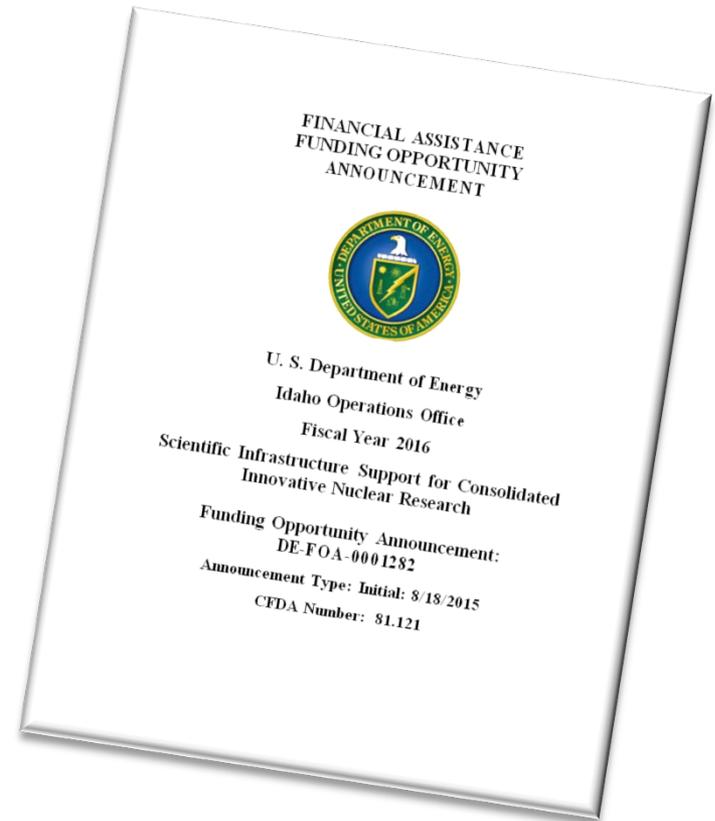
- Submit questions using the GoToWebinar software by typing in the “Question” field.
- If your question does not get answered during the allotted time, questions will be answered later and posted on www.neup.gov.
- Specific questions on individual eligibility should be addressed offline.





Objective: To promote efficiency and the effective use of resources

- **Presents all anticipated DOE-NE funding opportunities at once**
- **Allows integration of deadlines to enable better planning**
- **Presents opportunities to request funding from multiple program elements to maximize research dollars**



FOA Highlights

Nuclear Energy

■ Funding Mechanism

- Universities – Grants issued by DOE-ID
- National laboratories – Work Authorizations managed by DOE-ID

■ Funding Opportunities

- Reactor Upgrades section combines Major and Minor Reactor Upgrade categories
- General Scientific Infrastructure open to universities and national laboratories

■ Find FOA (DE-FOA-0001282) at <http://www.grants.gov>

■ Apply through <http://www.neup.gov>



Important Dates

- **FOA release date:** August 13, 2015
- **Applications due:** November 20, 2015
- **Anticipated award announcement:** June 2016



FOA Organization

Nuclear Energy

- **Area 1 – University Reactor Upgrades Infrastructure Support**
 - Combines Major and Minor Reactor Upgrades

- **Area 2 – General Scientific Infrastructure Support for Universities and National Laboratories**
 - University General Scientific Infrastructure
 - National Laboratory General Scientific Infrastructure



Changes and Updates for FY 2016

- **National laboratories will have one, combined GSI section for all NEET-CTD areas.**
- **Applicants may submit a single application to the GSI section of this FOA.**
- **Academic applicants with an education research reactor fueled by DOE may submit a single application to the Reactor Upgrades section of this FOA.**
- **Additional consideration is given for NSUF Integration: Ability to integrate equipment into the Nuclear Science User Facilities program to create new NSUF partner facilities or bolster capabilities at existing NSUF partner facilities.**
- **Applications may no longer be joined to R&D applications.**

Policy Reminders

Nuclear Energy

- **Institution may submit only one application to each area.**
- **Academic institutions may be ineligible if they have a no-cost time extension for an existing infrastructure project (Reactor Upgrade or General Scientific Infrastructure Support). Eligibility to submit is reviewed on a case-by-case basis.**
- **DOE fueled education research reactors are the only reactors eligible for University Reactor Upgrades.**
- **Institutions are responsible for not exceeding the submission limit.**
- **Universities have a 1:1 cost match requirement in GSI above \$250,000.**
- **National laboratories can compete in the GSI NEET-CTD section.**

University Reactor Upgrades

■ Award Size

- Maximum individual award: \$3,000,000
- Expected award range:
\$250,000 - \$1,500,000 total
- DOE anticipated to award some smaller awards

■ Period of Performance

- 1 year

■ Eligibility

- Only educational reactors fueled by DOE

■ Estimated Funding Level

- Approximately \$3 million



General Scientific Infrastructure



■ Award Size

- Maximum DOE funding per individual university award: \$2,000,000 – anticipated award size \$250,000
- Maximum DOE funding per individual national lab award: \$1,000,000 – anticipated award size \$500,000

■ Period of Performance

- 1 year

■ Eligibility

- Universities and national laboratories are both eligible to submit applications
- One application per institution can be submitted to each area of this FOA.
- University cost match (1:1) required after \$250,000

Cost Sharing and Cost Matching

■ Cost Share

- Cost sharing is encouraged, but is not required in any part of this FOA

■ Cost Match

- Cost match is required on university GSI projects that exceed \$250,000
- Dollar for dollar matching requirement, up to the project ceiling of \$2,000,000 (e.g. \$300,000 application would require a \$50,000 university cost match, making the project total \$350,000)
- Anticipated award range will be around \$250,000

Review Process, Tools, and Submissions

Reactor Upgrades Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - **Impact** – (40%) *Potential of the requested equipment, instrumentation or modification to:*
 - *Enhance the safety, performance, control or operational capability of reactor systems, or*
 - *Increase the quality, safety/security, or efficiency of the operation of the reactor facility, or*
 - *Improve or expand the research, teaching and training capabilities of the reactor facility.*
 - **Use** – (30%) *As a result of the proposed equipment, the amount of student, faculty, or researcher usage of the capabilities, and the amount and variety of research and/or services actually provided by the facility;*
 - **Project Implementation** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA

University GSI Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - **Impact** - (40%) *Potential of the requested equipment, instrumentation or modification to facilitate, improve or expand the research (especially ongoing Office of Nuclear Energy research or those proposed in FY 2015 in response to the CINR FOA DE-FOA-0001129) and training capabilities;*
 - **Use** – (30%) *As a result of the proposed equipment, the amount of student, faculty, or researcher usage of the capabilities, and the amount and variety of research and/or services actually provided by the facility;*
 - **Project Implementation** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA

National Laboratory GSI Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - ***Impact*** - (40%) *Potential of the requested equipment, instrumentation or modification to facilitate, improve or crosscutting Office of Nuclear Energy research;*
 - ***Use*** – (30%) *As a result of the proposed equipment, the amount and variety of research and personnel usage, and/or services actually provided by the new facility/capability;*
 - ***Project Implementation*** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA



Contact Information



■ Questions can be submitted to:

- neup@inl.gov
- The Q&A section on www.neup.gov

■ DOE-ID – Procurement Questions

- Shawn Tinsley
- tinslesm@id.doe.gov

■ NEUP Application Site

- neup@inl.gov
- 208-526-1104 (Jenna Payne)